

an act of accessing a request to execute a command method on at least a portion of a data structure of a particular data type corresponding to a particular identity;

an act of accessing a set of rules associated with the particular data type, the set of rules defining how data structures of the particular data type may be organized; and

an act of executing the command method on a portion of the data structure determined by interpreting the request in light of the set of rules.

47. (New) A method in accordance with Claim 46, wherein the act of executing the command method on a portion of the data structure determined by interpreting the request in light of the set of rules comprises:

an act of accessing an identification of a location of the portion of the data structure;

an act of navigating to the location of the portion of the data structure using the identification of the location of the portion of the data structure;

an act of accessing an identification of a data type contained in the portion of the data structure; and

an act of determining the portion of the data structure that is to be operated upon using the identification of the location of the portion of the data structure, as well as the identification of the data contained in the portion of the data structure.

48. (New) A method in accordance with Claim 46, wherein the act of accessing a request to execute a command method on at least a portion of a data structure of a particular data type comprises the following:

an act of accessing a request to query the portion of the data structure to determine if the portion of a data structure is synchronized with a copy of the portion of the data structure.

49. (New) A method in accordance with Claim 48, wherein the act of executing the command method on a portion of the data structure comprises:

an act of comparing a version identifier of the portion of the data structure with a version identifier of the copy of the portion of the data structure.

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cncld 50: (New) A method in accordance with Claim 46; wherein the set of rules associated
with the particular data type comprises a schema that defines a class of extensible Markup
Language documents.--
